Title (en)

METHOD OF RADIO BEARER TRANSMISSION IN DUAL CONNECTIVITY

Title (de)

VERFAHREN ZUR FUNKTRÄGERÜBERTRAGUNG BEI DUALER KONNEKTIVITÄT

Title (fr)

PROCÉDÉ DE TRANSMISSION DE PORTEUSE RADIO À DOUBLE CONNECTIVITÉ

Publication

EP 3070975 A1 20160921 (EN)

Application

EP 16161092 A 20160318

Priority

- US 201562135186 P 20150319
- US 201615072363 A 20160317

Abstract (en)

A method of radio bearer transmission in dual connectivity for a network in a long term evolution (LTE) system is disclosed. The method comprises generating at least a packet data convergence protocol protocol data unit (PDCP PDU) by a PDCP entity of the network corresponding to a radio bearer (RB), and assigning each PDCP PDU with an identity, wherein the identity indicates which PDCP entity the PDCP PDU belongs to.

IPC 8 full level

H04W 36/00 (2009.01); H04W 28/08 (2009.01)

CPC (source: CN EP US)

H04W 28/06 (2013.01 - CN); **H04W 28/10** (2013.01 - CN); **H04W 36/0027** (2013.01 - EP US); **H04W 76/11** (2018.02 - EP US); **H04W 76/15** (2018.02 - CN EP US); **H04W 76/34** (2018.02 - EP); H04W 36/1446 (2023.05 - CN EP US); H04W 88/06 (2013.01 - EP); H04W 88/08 (2013.01 - EP)

Citation (search report)

- [XAY] WO 2015032043 A1 20150312 - HUAWEI TECH CO LTD [CN] & EP 3032871 A1 20160615 - HUAWEI TECH CO LTD [CN]
- [A] US 2013083661 A1 20130404 - GUPTA VIVEK [US], et al
- [Y] "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 interface user plane protocol (Release 12)", 3GPP STANDARD; 3GPP TS 36.425, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG3, no. V12.0.0, 24 December 2014 (2014-12-24), pages 1 - 15, XP050927353
- [A] "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 application protocol (X2AP) (Release 12)", 3GPP STANDARD; 3GPP TS 36.423, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG3, no. V12.4.2, 2 January 2015 (2015-01-02), pages 1 - 204, XP050927358
- [A] "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Study on Wireless Local Area Network (WLAN) - 3GPP radio interworking (Release 12)", 3GPP STANDARD; 3GPP TR 37.834, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. V12.0.0, 7 January 2014 (2014-01-07), pages 1 - 17, XP050729404

Cited by

EP3281445A4; CN109474651A; EP3641482A4; EP3190828A1; US11025555B2; EP3585087A4; CN111447610A; WO2019222905A1; WO2016163696A1; US10638531B2; US11838799B2; US11690092B2; US11737128B2; WO2020146966A1; US11096184B2; US11483695B2; US11889582B2; US11924870B2; EP3282747B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3070975 A1 20160921; **EP 3070975 B1 20201014**; CN 105992274 A 20161005; CN 105992274 B 20190809; CN 109890052 A 20190614; CN 109890052 B 20210507; TW 201635848 A 20161001; TW I609601 B 20171221; US 10869344 B2 20201215; US 11700651 B2 20230711; US 11930543 B2 20240312; US 2016278138 A1 20160922; US 2021058987 A1 20210225; US 2021068175 A1 20210304

DOCDB simple family (application)

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